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Product datasheet for MC220569

Ilf3 (NM_001042709) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ilf3 (NM_001042709) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ilf3
Synonyms:	MBII-26; MPHOSPH4; NF9; NF90; NFAR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>MC220569 representing NM_001042709
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCGTCCCATGAGAATTTTTGTGAATGATGATCGCCACGTGATGGCAAAGCATTCTTCAGTGTACCCAA
CACAAGAGGAGCTGGAGGCTGTACAGAACATGGTGTCCCATACTGAGCGGGCCCTGAAGGCTGTCTCTGA
CTGGATTGATGAGCAGGAGAAAGGCAACAGCGAGCTCTCTGAGGCAGAAAATATGGACACACCCCCAGAC
GATGAGAGCAAAGAAGGGGCTGGGGAACAGAAGGCGGAACACATGACTAGGACCCTGAGGGGCGTGATGC
GGGTCGGCCTGGTAGCCAAGGGTCTTCTGCTCAAGGGGGACTTGGATCTGGAGCTGGTTCTGCTCTGTAA
GGAGAAGCCCACAACCGCCCTTCTGGACAAGGTGGCTGACAACCTGGCCATCCAGCTCACTACTGTAACA
GAAGACAAGTATGAAATACTCCAGTCTGTGGATGATGCTGCGATTGTGATAAAAAACACAAAAGAGCCCC
CCTTGTCCTTGACCATCCATCTGACCTCCCCTGTTGTCAGAGAAGAAATGGAGAAAGTATTAGCTGGAGA
AACGCTATCAGTCAACGATCCCCCGGACGTTCTGGACAGGCAGAAATGCCTTGCTGCCTTGGCGTCCCTC
CGACACGCCAAGTGGTTCCAGGCCAGAGCCAATGGACTGAAGTCATGTGTCATTGTCATCCGTGTCCTAA
GGGACTTGTGTACCCGAGTGCCCACCTGGGGTCCCCTCAGAGGATGGCCTCTGGAGCTGCTGTGTGAGAA
GTCCATCGGCACTGCCAATAGGCCAATGGGTGCTGGTGAAGCCCTGCGGAGAGTGCTGGAGTGCCTGGCA
TCCGGCATCGTAATGCCAGATGGTTCTGGCATTTATGACCCTTGTGAAAAAGAAGCCACTGATGCTATTG
GGCATCTAGACAGACAGCAACGGGAAGATATCACACAGAGTGCGCAGCATGCTCTGCGGCTTGCTGCCTT
TGGTCAACTCCATAAAGTACTGGGAATGGACCCCCTGCCTTCCAAAATGCCCAAGAAACCAAAGAACGAG
AACCCGGTGGACTACACTGTTCAAATTCCTCCCAGCACCACCTATGCTATCACACCCATGAAACGCCCTA
TGGAAGAGGATGGGGAGGAGAAGTCTCCCAGCAAGAAGAAAAAGAAGATCCAGAAGAAAGAGGAGAAGGC
TGATCCTCCTCAAGCTATGAATGCCCTGATGAGGTTAAATCAGCTGAAGCCAGGGCTGCAGTACAAGCTG
ATCTCCCAGACAGGCCCTGTTCATGCTCCCATCTTCACCATGTCTGTGGAGGTAGACGGCAGTAACTTCG
AGGCCTCGGGGCCATCTAAAAAGACTGCCAAGCTTCATGTAGCTGTGAAGGTGTTACAGGACATGGGCTT
GCCAACAGGCGCTGAAGGCAGAGACTCCAGCAAGGGGGAAGACTCCGCTGAGGAGTCAGATGGGAAGCCA
GCAATAGTGGCCCCACCCCCTGTGGTGGAAGCTGTCTCCAACCCCAGTTCTGTCTTCCCTTCAGATGCCA
CTACTGAGCAGGGACCGATTTTGACTAAGCATGGCAAGAACCCTGTTATGGAGCTTAATGAGAAGAGACG
TGGCCTCAAATATGAGCTCATTTCTGAGACGGGGGGCAGCCACGACAAAAGGTTTGTTATGGAGGTTGAG
GTGGACGGACAGAAGTTTCAAGGTGCTGGTTCAAACAAAAAGGTGGCAAAGGCTTATGCTGCACTTGCCG
CATTAGAAAAACTTTTCCCTGATACCCCTCTTGCTCTTGAAGCCAACAAAAAGAAAAGGACCCCAGTACC
TGTCCGAGGTGGACCCAAATTTGCTGCCAAGCCACACAACCCTGGTTTTGGCATGGGAGGCCCCATGCAT
AATGAAGTGCCGCCACCTCCTAACATCCGAGGTCGGGGCCGAGGAGGTAACATCCGAGGGCGAGGACGGG
GGCGAGGATTTGGTGGCGCCAACCATGGAGGAGGCTACATGAATGCTGGTGCTGGATATGGAAGCTATGG
GTACAGCAGCAATTCGGCCACAGCAGGCTACAGTGACTTTTTCACAGACTGCTACGGCTATCATGATTTT
GGGGCTTCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001042709

Insert Size: 2112 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001042709.2, NP_001036174.1
RefSeq Size:	3738 bp
RefSeq ORF:	2112 bp
Locus ID:	16201
Cytogenetics:	9 7.78 cM
Gene Summary:	The protein encoded by this gene contains two double-stranded RNA binding domains and functions in the post-transcriptional regulation of gene expression. It is a component of an RNA-protein complex that may be involved in mediating the export of messenger RNAs. Alternative splicing results in multiple transcript variants encoding distinct isoforms. These isoforms are grouped into two categories, NFAR-1 or NFAR-2, based on variation at the C-terminus. [provided by RefSeq, Mar 2013] Transcript Variant: This variant (4) lacks an alternate in-frame exon in the 5' coding region, lacks several 3' exons, and contains an alternate 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (4) is shorter and has distinct N- and C-termini, compared to isoform 1. This variant encodes an NFAR-1 isoform that is also known as NF90 S.